

Engineering has reviewed the plans for the H2 Turbo Wash project submitted November 2, 2016 and have the following comments:

1. The project will require full Stormwater Management review. Please submit one full set of plans, a Stormwater Management Permit Application Form, Infiltration Basin Supplement, Infiltration Basin Operation and Maintenance Agreement, calculations and a \$1000 review fee to Engineering for full review. Please note our review times are approximately 30-45 days right now. Please factor this into your submittal schedule.
2. Please include an SCM and inlet drainage area map. Please make sure each drainage area is labeled and quantified.
3. All conveyances must be designed for the 10-yr storm and analyzed for the 50-yr storm event to check the system for flooding.
4. Please provide a soils report with seasonal high water table determination and infiltration rates within the area of the proposed infiltration basin location.
5. Existing driveways are to be closed and any existing impervious surfaces must be removed. We would like to see this area be regraded for open ditches along the entire property frontage. However, Oleander Drive is an NCDOT maintained road and they will provide direction for the drainage along the property frontage. Please provide documentation from NCDOT regarding required drainage improvements.
6. A driveway pipe will need to be added under the proposed driveway.
7. The bypass for the infiltration basin does not appear to have an appropriate outfall. Please address.